

# Health Related Professions (HRPR)

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Course information contained within the Bulletin is accurate at the time of publication in July 2024 but is subject to change. For the most up-to-date course information, please refer to the Course Catalog.

## **HRPR 5001. Current and Emerging Issues in Public Health and Health Professions. 0 Credit Hours.**

This course is designed to provide students with an introduction to the five core areas of public health -- biostatistics, epidemiology, environmental health, health services administration, and social behavioral sciences -- and to demonstrate the intersection of public health with various health, health care, and human service professions. The discipline of public health is multifaceted, and these facets impact individuals and communities in different ways. Students will be expected to think critically about issues such as disease prevention, health promotion, the determinants of health, health information privacy, access to health services, and environmental issues, and to consider how those issues drive human behavior and community (local, national, and international) development. Successful graduation from the College of Public Health is contingent upon completion of 12 web-based modules from the approved compendium for this course. There are six core modules that all students must complete: Advancing Health People 2020, Social Determinants of Health, Access to Health Services, Health Information Technology, Public Health Infrastructure in the United States, and Environmental Health. The remaining six modules may be either embedded by program faculty or self-selected and self-paced by the individual student. Faculty can mandate certain modules within course content.

**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.

**Repeatability:** This course may not be repeated for additional credits.

## **HRPR 5002. Emergency Medical Technician (EMT). 6 Credit Hours.**

The Emergency Medical Technician curriculum follows the National Registry of Emergency Technician standards in a traditional course setting. In a traditional setting, material is taught in a dynamic classroom environment where hands-on skills are heavily integrated. Students will utilize an assigned textbook and associated interactive supplements to complete readings, assignments, presentations, and non-psychomotor skill labs. Students will complete field clinical hours with affiliated prehospital and hospital facilities. Throughout the course, and through application of skills in the clinical setting, students will become proficient in Basic Life Support (BLS) care and initial exploration of Advanced Life Support (ALS).

**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.

**Repeatability:** This course may not be repeated for additional credits.

## **HRPR 5005. Introduction to Mindfulness. 3 Credit Hours.**

This 3-credit course will review the history of mindfulness and then move to modern approaches and applications of mindfulness. A personalized mindfulness practice will be explored for relevance to a student's life and pursuit of clinical excellence in their chosen field. The course will focus on the neuro-biological influence of stress, the gut-brain axis, and the epigenetic nature of the human experience. It will explore issues such as conflict, approach versus withdrawing behaviors, and response to clinical scenarios with a clinical instructor (i.e. giving and accepting feedback). Students will deepen their understanding of concepts such as compassion fatigue, burnout, cognitive empathy, vulnerability, resilience, and chronic sorrow. The course serves as a springboard for future learning and deeper exploration into specific areas of mindfulness application, at a personal or population level.

**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.

**Repeatability:** This course may not be repeated for additional credits.

## **HRPR 5200. Clin Pharm. 1.5 to 3 Credit Hour.**

**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.

**Repeatability:** This course may be repeated for additional credit.

## **HRPR 5999. Research Experience in Health Professions. 0 Credit Hours.**

The Research Experience provides graduate students hands-on experiences in a research setting prior to undertaking independent, director, master's project, master's thesis, or dissertation research. This course allows graduate students the opportunity to learn best practices and principles of health research, including designing and carrying out a study, collecting preliminary data, field experiences, participation in research group meetings, assisting with analyses, drafting manuscripts, etc. with faculty which may lead to identifying a faculty mentor. The course will be graded as Pass or Fail. The Research Experience is a non-repeatable course. After the completion of this Research Experience, students will need to be enrolled in an independent study, directed research, master's research, master's thesis, dissertation proposal, or dissertation if they continue in an active research program.

**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.

**Repeatability:** This course may not be repeated for additional credits.

**HRPR 8001. Introduction to Health Outcomes Measurement Science. 3 Credit Hours.**

This course provides an introduction to health outcomes conceptual frameworks and assessment methods. Students will gain exposure to health outcome frameworks from public health, medical, and economic perspectives. This course will provide an overview of health outcome assessment tools. It will consider factors that influence the validity and meaningfulness of outcome assessments.

**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.

**Repeatability:** This course may not be repeated for additional credits.

**HRPR 8002. Qualitative Methods in Health Outcomes Measurement. 3 Credit Hours.**

This course focuses on the application of selected qualitative approaches used in the conceptualization and development of health outcome measures, in particular patient reported health outcome measures. This course draws from a variety of disciplines providing a foundation for the philosophical and theoretical bases of qualitative research paradigms.

**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.

**Repeatability:** This course may not be repeated for additional credits.

**HRPR 8003. Quantitative Methods in Health Outcomes Measurement Science. 3 Credit Hours.**

This course will cover the classical and modern test theories and their applications to solve measurement problems in practice. This course will educate students on measurement concepts including test standardization, validity, reliability, operational definitions, scaling, and latent variables in behavioral and health sciences. Issues surrounding validity and reliability of measures will be discussed in detail. Students will be given an opportunity to critically evaluate existing measures and to propose how a new measure can be developed and evaluated.

**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.

**Repeatability:** This course may not be repeated for additional credits.

**HRPR 8004. Application of Health Outcomes Measurement Science. 3 Credit Hours.**

This course focuses on the integration of measurement science and health outcomes with a focus on application of mixed methods to develop a health outcome measure in a project of value to the student. The course will also provide a deeper consideration of technology and electronic and mobile health application platforms for operationalization of their outcomes project. Standards and guidelines for development and qualification of measures as clinical trial endpoints through the FDA process will provide a structure for the projects. Each student will present their proposal which will be framed either as a project, FDA clinical outcomes assessment qualification package or grant proposal.

**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.

**Repeatability:** This course may not be repeated for additional credits.

**Pre-requisites:** Minimum grade of B- in HRPR 8001 and (HRPR 8002 or HRPR 8003)

**HRPR 8101. Bioethics and Ethical Decision-Making. 3 Credit Hours.**

This seminar course is designed to facilitate interdisciplinary dialogue and approaches for ethical decision-making. Students from many health disciplines can engage in bioethical discourse. Students can increase their understanding of ethics within the context of research and health care, identify and consider moral and professional values and preferences when collecting information and making decisions, and recognize the importance of collaboration when making bioethical decisions. The student reflects on personal decision-making through an exploration of the results of the Myers-Briggs Type Indicator (MBTI).

**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.

**Repeatability:** This course may not be repeated for additional credits.

**HRPR 8102. Cultural Competence in Health Studies. 3 Credit Hours.**

This course emphasizes culture as a defining characteristic of our diverse society and examines a multitude of its implications for culturally sensitive and competent health-care service, policy-making, and system transformation in a transdisciplinary and transcultural context. The course begins with contextualizing key concepts such as cultures, health disparities, cultural competence, cultural sensitivity, multicultural health, cross-cultural concepts of health and illness, and complementary/alternative medicine and spirituality. Communication, education/training, programming, and ethical issues central to promoting cultural competence in the healthcare system are then addressed. In addition, the course gives insights into specific cultural groups, including Hispanic, African, Asian, Native, and Caucasian American populations, as well as aging populations and individuals with unique sexual orientation. Key challenges and opportunities concerning cultural issues facing the current health fields are also examined.

**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.

**Repeatability:** This course may not be repeated for additional credits.

**HRPR 8103. Health Across the Lifespan. 3 Credit Hours.**

This course will provide an interdisciplinary lifespan-oriented overview of the health construct spanning from prenatal influences through to extreme longevity, with an emphasis on its inter-relationships with biological, behavioral, and social ecological influences. Particular emphasis is given to methodological, theoretical, and substantive issues needed for synthesis of an interdisciplinary mastery of development and health. By the end of the course, students gain a thorough knowledge of how to measure health of individuals, communities, and populations; an understanding of both the correlates and sequelae of health and development across the lifespan; and an ability to assess the implications of health disparities across the lifespan.

**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.

**Repeatability:** This course may not be repeated for additional credits.

**HRPR 8104. Systems Theory and Change Theory. 3 Credit Hours.**

The purpose of this course is to provide the theoretical foundation for all subsequent courses and formal scientific inquiry. Students in this course will use systems theory, change theory, and other integrative theories and models to explore complex health and life-quality related issues with ecological theory providing the planning framework. Students will focus on synthesis and integration of key health-related factors at the micro and macro levels that affect health for diverse individuals, families, communities, cultures, environments, societies and health systems using a lifespan and life cycle approach. They will apply principles guiding interdisciplinary approaches to complex health issues in a holistic manner.

**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.

**Repeatability:** This course may not be repeated for additional credits.

**HRPR 8203. Systematic Rev Hlth Ecol. 3 Credit Hours.**

**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.

**Repeatability:** This course may not be repeated for additional credits.

**HRPR 8985. Teaching in Higher Education: Health Professions. 3 Credit Hours.**

**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.

**Repeatability:** This course may not be repeated for additional credits.

**HRPR 8987. Teaching in Higher Education Practicum. 3 Credit Hours.**

The purpose of the Teaching in Higher Education Practicum is to provide a mentored teaching experience for students who are currently teaching as the instructor (not just a grader). Building on the content discussed in the prerequisite course, the focus of this course is to apply the skills and reflect on teaching practices in real time. Through paired critiques and group discussions, students will work together to share teaching experiences and problem solve. Students are encouraged to develop strategies and approaches to teaching that can be tailored to their circumstances.

**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.

**Repeatability:** This course may not be repeated for additional credits.

**Pre-requisites:** Minimum grade of B- in HRPR 8985.